

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L15	11	(centrifugal with pump) and (((external and internal) same casing) and (casing same cavity)). clm"	US-PGPUB	OR	OFF	2006/09/30 10:16

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	218	pump and ((external and internal) with shell\$2)	US-PGPUB	OR	OFF	2006/09/30 10:07
L2	218	pump and ((external and internal) with shell\$2)".clm"	US-PGPUB	OR	OFF	2006/09/30 10:07
L3	1415	pump and ((external and internal) with cas\$3)".clm"	US-PGPUB	OR	OFF	2006/09/30 10:08
L4	47	pump and (((external and internal) with shell\$2) and (cas\$3 same cavity))".clm"	US-PGPUB	OR	OFF	2006/09/30 10:09
L5	2	pump and (((external and internal) with shell\$2) and (casing same cavity))".clm"	US-PGPUB	OR	OFF	2006/09/30 10:10
L6	0	pump and (((external and internal) with shell\$2) with (casing same cavity))".clm"	US-PGPUB	OR	OFF	2006/09/30 10:10
L7	118	pump and (((external and internal) and shell\$2) and (casing same cavity))".clm"	US-PGPUB	OR	OFF	2006/09/30 10:13
L8	16	pump and (((external and internal) and shell\$2) and (casing near5 cavity))".clm"	US-PGPUB	OR	OFF	2006/09/30 10:12
L9	1	pump and (((external and internal) same shell\$2) and (casing near5 cavity))".clm"	US-PGPUB	OR	OFF	2006/09/30 10:12
L10	34	(centrifugal with pump) and (((external and internal) and shell\$2) and (casing same cavity))".clm"	US-PGPUB	OR	OFF	2006/09/30 10:15
L11	0	(centrifugal with pump) and (((external and internal) and shell\$2) and (casing near5 cavity))".clm"	US-PGPUB	OR	OFF	2006/09/30 10:15
L12	0	(centrifugal with pump) and (((external and internal) and shell\$2) and (casing near cavity))".clm"	US-PGPUB	OR	OFF	2006/09/30 10:15
L13	34	(centrifugal with pump) and (((external and internal) and shell\$2) and (casing same cavity))".clm"	US-PGPUB	OR	OFF	2006/09/30 10:15
L14	10	(centrifugal with pump) and (((external and internal) same shell\$2) and (casing same cavity))".clm"	US-PGPUB	OR	OFF	2006/09/30 10:16

## EAST Search History

L15	11	(centrifugal with pump) and (((external and internal) same casing) and (casing same cavity)). clm"	US-PGPUB	OR	OFF	2006/09/30 10:16
S1	1075	417/366	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/03 12:20
S2	6	("5352099"   "6231311"   "6398512"   "6406275"   "6511288"   "6530346").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/02 08:10
S3	0	("2004/0081566").URPN.	USPAT	OR	OFF	2006/02/02 08:12
S4	0	("2004/0037715").URPN.	USPAT	OR	OFF	2006/02/02 08:12
S5	20	("20020035974"   "3559539"   "3863935"   "3932930"   "5079488"   "5096390"   "5344515"   "5401146"   "5474429"   "5494413"   "5511942"   "5639227"   "5810568"   "6000915"   "6012909"   "6030187"   "6056518"   "6129524"   "6131267"   "6288470").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/02 08:13
S6	14	("3941506"   "4339922"   "4523896"   "4616980"   "4684329"   "4883982"   "4969803"   "5062766"   "5397220"   "5627420"   "5904471"   "5949171"   "5997261"   "6012909").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/02 08:28
S7	2	("6659737").URPN.	USPAT	OR	OFF	2006/02/02 08:31
S8	0	("2002/0106290").URPN.	USPAT	OR	OFF	2006/02/02 08:31
S9	1	("2002/0035974").URPN.	USPAT	OR	OFF	2006/02/02 08:31
S10	25	("1787562"   "2506827"   "2520880"   "2968249"   "3211935"   "3294025"   "3826595"   "4213745"   "4492889"   "4768931"   "4955431"   "4998865"   "5332369"   "5401146"   "5478215"   "5494403"   "5494413"   "5674056"   "5997261").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/02 08:46
S11	1	("6175173").URPN.	USPAT	OR	OFF	2006/02/02 08:48
S12	14	("3941506"   "4339922"   "4523896"   "4616980"   "4684329"   "4883982"   "4969803"   "5062766"   "5397220"   "5627420"   "5904471"   "5949171"   "5997261"   "6012909").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/02 08:48
S13	3	("6129524").URPN.	USPAT	OR	OFF	2006/02/02 08:49

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S14	56	("3143972"   "3155437"   "3647324"   "3823990"   "3877761"   "4088018"   "4156548"   "4382199"   "4625712"   "4683391"   "4688998"   "4704121"   "4763032"   "4779614"   "4817586"   "4846152"   "4895557"   "4908012"   "4944722"   "4944748"   "4957504"   "4994017"   "4994078"   "4995857"   "5003211"   "5003235"   "5049134"   "5055005"   "5078741"   "5092879"   "5098256"   "5111102"   "5112200"   "5112202"   "5112292"   "5112349"   "5118264"   "5145333"   "5195877"   "5209650"   "5211546"   "5267940"   "5275580"   "5282849"   "5290227"   "5300841"   "5326344"   "5344443"   "5376114"   "5385581"   "5441535"   "5443503"   "5470208"   "5507629").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/02 08:56
S15	17	("6015272").URPN.	USPAT	OR	OFF	2006/02/02 09:04
S16	14	("2524269"   "2763214"   "3347168"   "3494291"   "3704078"   "4516915"   "5151016"   "5385454"   "5388971"   "5401146").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/02 09:04
S17	10	("5567133").URPN.	USPAT	OR	OFF	2006/02/02 09:15
S18	19	("2397169"   "2709567"   "2997958"   "3059582"   "3153382"   "3229896"   "3333544"   "3775024"   "3936243"   "4172695"   "4684329"   "4810174").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/02 09:15
S19	12	("5401146").URPN.	USPAT	OR	OFF	2006/02/02 09:16
S20	22	("1375482"   "2066652"   "2703199"   "2710573"   "2814432"   "3305164"   "3308268"   "3348020"   "3390830"   "3780411"   "3874191"   "4171190"   "4450755").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/02 09:17
S21	2	("4902203").URPN.	USPAT	OR	OFF	2006/02/02 09:17
S22	20	("2441239"   "2668686"   "3099386"   "3407431"   "3439204"   "3558243"   "3647323"   "3999243"   "4044750"   "4219325"   "4388673"   "4516561"   "4542557"   "4573234").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/02 09:18

## EAST Search History

S23	23	("2030367"   "2245989"   "2438621"   "2592471"   "3103605"   "3183384"   "3320447"   "3398687"   "3399624"   "3461310"   "3611434"   "3860858"   "3912993").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/02 09:51
S24	11	("4213745").URPN.	USPAT	OR	OFF	2006/02/02 09:54
S25	13	("2321126"   "2520880"   "2911918"   "3220350"   "3288073"   "3618337"   "3644067").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/02 09:54
S26	9	("3398687").URPN.	USPAT	OR	OFF	2006/02/03 08:23
S27	1076	417/366	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/03 08:23
S28	270	S27 and base	USPAT	OR	OFF	2006/02/03 08:25
S29	130	S28 and case	USPAT	OR	OFF	2006/02/03 08:23
S30	23	("1908627"   "2520880"   "3022739"   "3118384"   "3398687"   "3398694"   "3433163"   "4768925"   "4822258"   "4966532"   "5040594"   "5055006"   "5088900"   "5118264"   "5151016"   "5178523").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/03 09:17
S31	1076	417/366	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/03 09:17
S32	270	S31 and base	USPAT	OR	OFF	2006/02/03 09:17
S33	55	S32 and O-ring	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/03 10:04
S34	0	("2004/0081566").URPN.	USPAT	OR	OFF	2006/02/03 10:05
S35	0	S34 and can\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/03 10:05
S36	944	S31 and can\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/03 10:06
S37	147	S36 and O-ring	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/03 10:33
S38	205	(417/423.11).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/03 10:49

## EAST Search History

S39	0	S38 and tongue adj groove	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/03 10:50
S40	0	S38 and tongue same groove	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/03 10:50
S41	1	S31 and tongue same groove	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/03 10:51
S42	53	S38 and O-ring	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/03 10:51
S43	1	("6287090").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/03 12:20